

Blast-wave model calculation of V_2 including resonance decay

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Blast-wave model is used to fit the elliptic flow coefficient measured at RHIC energies by allowing the variation in the radii and expansion velocities as a function of angles in the transverse plane. Decay contribution from high-lying resonances to each hadron species is included which may help saturating v_2 at high Pt. In the viscous relativistic hydrodynamic calculation, viscosity acts as a control parameter of the relative magnitude radius in the x-y direction, while that of the transverse expansion is controlled by the initial geometry.

Primary authors: LEE, Kang Seog (Chonnam National University); Dr CHOI, Suk (Chungnam National University)

Presenter: LEE, Kang Seog (Chonnam National University)

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